



No. 704

'Copymate'
RECORD
BOOK

50 leaves in Duplicate

NUMBERED

NO CARBON PAPER REQUIRED

Collection No. 220

Central + southern
Victoria

9-14. II. 1987

K.H.L. Key

9/2/87128415.7. Euroa. ~~bordered south.~~417.6. Euroa depart south.426.0. Shallow depression with pale grey^{*Proasialus dep. plod*}
brown soil. *E. polygonthermos*, *E. blakelyi*,*E. milledora* & *E. macrorhyncha* (?) to 50ft.with *Acacia implexa* & occ. *A. meamsii* (?)

to 20ft. Miscid grasses 3 in to 18 in dense.

Brachyexama, *Phaul. vitt.*446.9. As 426.0. but grasses, incl. *Paspalum*^{*Proasialus dep. plod*}
1-2 ft high. *Austr. vulgaris*.459.0. Undulating granite country (slight^{*Proasialus dep. plod*}
depression in). *E. blakelyi* to 60ft. with

some rough-barked euc (not stringy,

very green ^{*woollsiana?*} leaves), occ. *Acacia implexa*.Miscid grasses, incl. *Paspalum* 1-3ftdense. *Phaul. vitt.*, *Austr. vulgaris*.

(just after exit from freeway for Seymour).

468.1/ Slight depression. *E. blakelyi*^{*Proasialus dep. plod*}
E. woollsiana to 60ft. Miscid grasses

1-3ft. dense. Phasel. Gitt. Acrida (j.).
473.0. Seymour (Northmead).

10/2.

479.4. Goulburn Valley Hwy off to left.

482.4. Crossed ^{Home} freeway.

487.5. Road off to right to Pockapunyal.

490.2. Road off to right to Pockapunyal.

492.2. Level top to rise. Very pale hard
^{Microtropis, Brachysema, Lophoceros, Maestoma}
 soil. *E. macrochrysa*, *E. polyanthemus*
^{australis}
 etc. *E. sideroxylon* (?) & *E. woollsiana*.

Mixed grasses to 10 in, one coarse, green.
 Ploughed & grazed.

496.9. Road off to left to Glenaroua.

502.4. Road off to left to Pyalong.

510.5. Tooborac - 2 State Forest. *E. macro-*
^{Exuma including}
chrysa, *E. polyanthemus* & *E. woollsiana*

Coppice to 30ft. Dense *Helichrysum*
semipapposum to 18 in, scattered shrublets.
 Undulating, pale grey brown soil.

514.1. Turned left into Northern Hwy.

514.9. Tooborac.

515.4. Turned right for Lancefield.

516.5. Depression, with *E. camaldulensis*
^{*Proasialus duplex*}
to 60ft & *Acacia dealbata* to 15ft. Cleared
along road & mown to 6in from phalaris
& *Paspalum*. Phaul. vitt., Grass.

525.4. Road off to right to Kyneton.

533.1. Depression in granite country.

^{*Proasialus duplex*}
Cleared from *E. viminalis* to 70ft. Grasses
& some *Hypochaeris* to 9in.

543.2. Road off to Pyalong on left.

543.7. ~~Depression~~ Depression, probably originally
^{*Proasialus duplex*}
with sparse *E. camaldulensis*. Mixed
grasses & forbs to 1ft.

545.6. Lancefield. Took road to Woodend.

572.3. Turned off for Baylesford in Woodend.

584.8. Tghdeh. Mixed grasses & forbs, mown
^{*Proasialus duplex*}
to 9in. along road. No original dominant
evident.

592.7. Road off to Trentham Falls on right.

596.1. Trentham.

598.3. Road off to Kyneton on right.

* *E. camaldulensis* to 50ft. Misc'd grasses
Brassicae duplex
 dense to 9-18 in, partly mowed.

670.7 Park View motel, 3.9 Km W. of Ballarat
 P.O.

11/2.

670.7 Depart motel towards city centre.

693.8 Smythesdale.

697.7 Scarsdale.

707.2 Linton.

726.8 Skepton.

758.6 Crossed Hamilton Hwy.
 = 799.4.

797.5 Crossed Princes Hwy in Campesdown.

812.5 Outskirts of Cobden.

858. Port Campbell.

12/2.

864.2 Port Campbell depart east.

872.9 Turned right. Returned.

874.6 = 872.9. Proceeded east on main road.

878.4 Turned right. 7

878.7 Twelve Apostles. Return.

879.0 = 878.4. Continued east.

881.4 Road off to Cobden on left.

881.7. Fixed dune, with *Themeda*, *Sporobolus*,
Phaulacridium aitchisonii, *Macrostoma australis*
 & *Stenotaphrum* to 18 m. dense.

885.7. Princeton.

898.7. Crossed Gellibrand R.

918.1. Lavers Hill.

933.0. Road off to Calac on left.

937.3. Beech Forest.

955.5. Turned right.

970.8. Skene's Creek. Turned right.

976.9. Apollo Bay. Return.

982.9. Skene's Creek. Continued east.

129000.8 Kennett River.

006.2 Mye River.

023.7. Lorne.

13/2.

025.7. Lorne depart.

026.5 Turned left for Deans Marsh.

049.8. Deans Marsh.

051.4. Road side with brown soil, undulating
Phaulacridium aitchisonii, *Bradyzama stipensis*
 Cleared from ~~*E. viminaria*~~ ^{to} *Davallia*

woodland. Mixed grasses mown to 7m.

- 066.1. Road off to Birregurra on left.
073.1. Turned right into Princes Hwy.
073.6. Winchelsea.
081.5. Slight depression with *E. ^{viminalis} ~~humilis~~*
Phanacarpus vittatus
 + *Acacia melanoxylon* to 20 ft. Mixed grasses
 partly mown.
091.8. Road off to Angelsea on right.
100.6 Warron Bends.
134.2. Turned off Princes Hwy for Little River.
 (a few miles wasted in Geelong.)
142.9. Little River.
143.7. Crossed railway.
144.9. Crossed Little R.
147.1. Turned left.
148.8. Turned right.
153.7 Turned right into Yungah Forest
 Park.
185.5. Anakie. Took road to Ballan.
188.7. Road off to Baillumbury Marsh on right.
205.7. Road off to Beremboke on right.
225.2. Turned right for Ballan.

226.5. Turned right.

227.2 Ballan.

230.5 Joined Western Hwy.

251.2 Bacchus Marsh.

4/2.

253.2 Bacchus Marsh depart.

260.0 Road off to Toolern Vale on right.

274.7. Stony basalt ridge with chocolate
^{Proximalis spectabilis, Phacelidium vittatum}
 soil. E. ~~terminalis~~ (?) to 40ft well

spaced, with Acacia melanoxylon to 15ft
 + a bipinnate acacia to same. Mixed
 grasses 6-18 in fairly dense, some forbs,
 incl. Plantago.

277.1 Bullengarook.

286.8 Gisborne. Took Kilmore road.

288.3 Road off to Bendigo on left.

289.1 Turned right.

290.5 Flat, with slightly self-mulching grey-
^{Praxibulus simplex, P. testatus, Schizobolus}
 brown soil. ~~terminalis~~ to 40ft very
^{flavovittatus}
 open. Mixed grasses 6-18 in.

297.2 Kiddells Creek.

- 303.7. Turned right.
305.7. Turned left.
306.1. Turned right.
321.7. Darraweit Leim.
323.7. Turned right.
331.1. Apparently grassland. Slight depression
^{*Proasacubus dep. lca*}
 Grass to 9 in. partly mown.
332.5. Outskirts of Wallan (town \approx 500 m
 to right). Crossed Kilmore road. Return.
333.1 = 332.5. Turned left.
334.0. Wallan.
334.2. Turned left.
338.2. Turned left.
338.7. Turned right.
347.5. Slight depression in very open *E. viminalis*
^{*Proasacubus dep. lca*}
~~*Proasacubus*~~ woodland. Mixed grasses 6-18 in
 along roadside, mainly mowed.
354.8. Outskirts of Whittlesea. Turned
 left.
365.9. Roadside. Undulating. Dense forest
^{*Proasacubus dep. lca*}
 of *E. obliqua* & *E. robertsoni* (?) ^{to 60 ft.} _{with}

Acacia melanocylon to 35 ft. Mixed
grasses in gutter to 1 ft.

388.9. Kinglate West.

385.3. Happy Valley.

387.6 Flat with *E. viminea* bis + *E. robertsoni*?
^{for *E. viminea* to 10 m}
to 70 ft, *Acacia dealbata* to 20 ft. Mixed
grasses 6-18 in on roadside.

390.0. Flowerdale.

390.7 Turned left.

402.5. Flat with very open *E. camaldulensis*
^{*P. xiphioides* + *P. setacea* + *P. amplexicaulis*}
to 80 ft. Mixed grasses for roadside gutter.

403.8. Strath Guck.

413.8. Margin of Reedy CK. Mixed grasses
^{*P. xiphioides* + *P. setacea*}
6-15 in.

422.1. Broadford.

423.6. Enter freeway.

[General notes: The first two days were
fine + hot & served to extend the known
distribution of the genus ^{*Praxibala*} to Ballarat.
The third day was cold, with a

moderate westerly wind & occasional
 scuds of fine drizzle. No grasshoppers
 of any species were found, ^{apart from a very few Phaulacrid,} but this
 could only be expected under the conditions
 from Port Campbell to ^(fourth day) ~~some~~ it was
 still cold & windy, but more changeable
 with occasional short sunny periods
 but also some rain. The finding of
Phaulacridium & *Macrotoma* near
 Princetown showed that grasshoppers
 could be flushed if they were present, &
 suggested an extremely rare & depauperate
 fauna. The fifth day was clear &
 hot. *Phaulacridium vittatum* & some
Austroicetes vulgaris were seen at
 several stops, but again no *Prasiebulus*.
 The day ending at Bacchus Marsh.
 On the sixth day, ^{clear & hot.} *Prasiebulus* was
 found in numbers (hundreds!) 21 km
 north of Bacchus Marsh, & from there
 was found at almost every stop.

It may be taken as certain that *Praxichulus* does not occur on the Otway Peninsula or on the grasslands of western Victoria west of Ballarat, & not, or hardly, south of Ballarat, not south of Ballan or Bacchus Marsh, & not, or hardly, west of Melbourne. It was not found at, or in the vicinity of, Little River, & the specimens so labelled by White (*species ulnaris*!) must have come from a different place of that name (probably in Gippsland). Taken in conjunction with early surveys it would seem that Ballarat is the apex of a westward-directed triangle occupied by *Praxichulus* with sides approximately Melbourne - Ballarat, & Ballarat - Malmesbury - Seymour. Yrs, W. of Delegate (White's notes) KHK.